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<110> Medical & Biological Laboratories Co., Ltd.

<120> Monoclonal Antibody Recognizing
Phosphatidylinositol-3,4-diphosphate

<130> M3-107

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<150> JP 1999-250209

<151> 1999-09-03

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<170> PatentIn Ver. 2.0

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Ser Val Lys Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
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Gly Met Ser Trp Ala Arg Gln Thr Pro Asp Lys Arg Leu Glu Trp Val
35 40 45

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Ala Ser Ile Ser Ser Gly Ser Tyr Thr Tyr Tyr Pro Asp Ser Val
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Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Leu Tyr
65 70 75 80

ctg caa atg agc agt ctg aag tct gag gac aca gcc atg tac tac tgt 288
Leu Gln Met Ser Ser Leu Lys Ser Glu Asp Thr Ala Met Tyr Tyr Cys
 85 90 95

gca aga cag agg ggc tat gtt aac ttc ggg att gct tac tgg ggc caa 336
Ala Arg Gln Arg Gly Tyr Val Asn Phe Gly Ile Ala Tyr Trp Gly Gln
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35 40 45

Ala Ser Ile Ser Ser Gly Gly Ser Tyr Thr Tyr Tyr Pro Asp Ser Val
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Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Leu Tyr
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Leu Gln Met Ser Ser Leu Lys Ser Glu Asp Thr Ala Met Tyr Tyr Cys
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Asp Gln Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser Leu Val His Ser
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aat gga aac acc tat tta cat tgg tac ctc cag aaa cca ggc cag tct 144
Asn Gly Asn Thr Tyr Leu His Trp Tyr Leu Gln Lys Pro Gly Gln Ser
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cca aag ctc ctg atc tac aaa gtt tcc aac cga ttt tct ggg gtc cca 192
Pro Lys Leu Leu Ile Tyr Lys Val Ser Asn Arg Phe Ser Gly Val Pro
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gac agg ttc agt ggc agt gga aca agg aca gat ttc aca ctc aag atc 240
Asp Arg Phe Ser Gly Ser Gly Thr Arg Thr Asp Phe Thr Leu Lys Ile
65 70 75 80

agc aga gtg gag gct gag gat ctg gga gtt tat ttc tgc tct caa agt 288
Ser Arg Val Glu Ala Glu Asp Leu Gly Val Tyr Phe Cys Ser Gln Ser
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Asn Gly Asn Thr Tyr Leu His Trp Tyr Leu Gln Lys Pro Gly Gln Ser
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Pro Lys Leu Leu Ile Tyr Lys Val Ser Asn Arg Phe Ser Gly Val Pro
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